



**ChemPure* Brand
Chemicals**

...Pure Quality

Certificate of Analysis

Product Name: **POTASSIUM IODIDE ACS**

Product Number:	CP-A1969D, I1969D, M1969D, X1969D	Formula:	IK
CAS Number:	7681-11-0	MDL:	MFCD0001140
Lot Number:	KIS161114A	Formula Weight:	5 166.0 G/MOL
Manufactured Date:	Oct 14, 2016	Retest Date:	Oct 14, 2021

ANALYTICAL RESULTS

TEST	SPECIFICATIONS	RESULTS
Appearance (Color)	White	White
Appearance (Form)	Crystals	Crystals
Titration by Potassium Iodate	≥ 99.0 %	99.7%
Loss on Drying	≤ 0.2 %	0.04%
Insoluble matter	≤ 0.005 %	0.002%
Barium	≤ 0.002 %	Passes Test
Miscellaneous Assay Chloride and Bromide	≤ 0.01 %	Passes Test
Iron (Fe)	≤ 3 ppm	Passes Test
Heavy Metal As Lead	≤ 5 ppm	Passes Test
Miscellaneous Assay Iodate	≤ 3 ppm	Passes Test
Calcium (Ca)	≤ 0.002 %	0.0002%
Magnesium (Mg)	≤ 0.001 %	0.0001%
Sodium (Na)	≤ 0.005%	0.0034%
pH At 25°C; c = 5%; Water	6.0 - 9.2	7.5
Sulfate (SO4)	≤ 0.005 %	Passes Test
Phosphate (PO4)	≤ 0.001 %	Passes Test

Meets ACS Requirements Current ACS Specification
Tenth Edition

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It is certified that the above copy is a true copy of the actual lot analysis.

Analysis: Emily Freuk
Vyto Mekesa
QC Manager